

Title (en)
TURNABLE ELECTRICAL CONNECTOR AND CABLE ASSEMBLY

Title (de)
DREHBARER ELEKTRISCHER VERBINDER UND KABELANORDNUNG

Title (fr)
CONNECTEUR ÉLECTRIQUE ROTATIF ET ENSEMBLE CÂBLE

Publication
EP 4266511 A1 20231025 (EN)

Application
EP 23168081 A 20230414

Priority
US 202217723759 A 20220419

Abstract (en)
An electrical cable connector, assembly, system, and/or method is disclosed that includes a pin side connector comprising a plurality of conductor members and one or more insulator members alternating along a longitudinal axis, each of the plurality of conductor members having a base and a stem extending from the base and configured to electrically connect to one or more wires; and a socket connector comprising a plurality of conductive elements and one or more insulative elements arranged along the longitudinal axis, wherein each of the plurality of conductive elements has a center channel and each of the one or more insulative elements has a through-hole, wherein the center channels of each of the plurality of conductive elements and the through-holes of each of the one or more insulative elements are aligned and configured to form a receptacle in communication with an end opening, wherein the pin side connector is received in and freely rotatable with respect to the receptacle of the socket connector.

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Citation (search report)

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